



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/825,975	04/16/2004	Jeffrey Scott Wigdahl	16855-US	8722
7590	06/07/2005		EXAMINER	
DEERE & COMPANY			HURLEY, KEVIN	
Patent Department			ART UNIT	PAPER NUMBER
One John Deere Place				
Moline, IL 61265-8098			3611	

DATE MAILED: 06/07/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/825,975	WIGDAHL ET AL.	
	Examiner	Art Unit	
	Kevin Hurley	3611	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 22 April 2005.
- 2a) This action is **FINAL**. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) 1-17 is/are allowed.
- 6) Claim(s) 18-20 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All b) Some * c) None of:
1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____. |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____. | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| | 6) <input type="checkbox"/> Other: _____. |



DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. The claims include the use of the word “for” and “to” which indicates intended use. A claim containing a “recitation with respect to the manner in which a claimed apparatus is intended to be employed does not differentiate the claimed apparatus from a prior art apparatus” if the prior art apparatus teaches all the structural limitations of the claim. Ex parte Masham, 2 USPQ2d 1647 (Bd. Pat. App. & Inter. 1987).

If Applicant(s) desire to give the phrase patentable weight, the Examiner respectfully recommends Applicant(s) remove “for” from the phrase where intended use is not desired.

3. Claims 18-20 are rejected under 35 U.S.C. 102(b) as being anticipated by Ima.
Ima discloses a steering device comprising:
an axle frame 1;
a single steering cylinder 8 having a barrel and movable cylinder rods 9, 9’;
a cylinder support 10 connected to the frame and supporting the cylinder from the axle frame;
first and second wheel assemblies support from the axle frame and steering linkages

Art Unit: 3611

connected to outermost ends of the rods having a rod end spacing, the wheel assemblies movable over a range of steered positions by the steering cylinder;

a shield 13 supported from the frame adjacent the steering cylinder;

wherein the shield includes a protective wall having a length approximately equal to the rod end spacing, wherein the shield is movable in response to movement of the wheel assembly by the steering cylinder to provide protection of the cylinder and the rods substantially over the range of steered positions;

wherein the cylinder support supports the cylinder forwardly of the wheel axle and the shield is supported forwardly adjacent the cylinder frame (see col. 4 lines 49-51) so that the cylinder and the rods are protected from the material over substantially the entire range of steered positions;

including a shield support 40,40' connected to the axle frame, an anti-friction support carried by the shield support and supporting the shield for lateral movement in a cylinder-protecting orientation, and structure connecting the rods to the shield to move the shield laterally with operation of the cylinder, wherein the shield extends laterally substantially the entire distance between the outermost ends of the rods to protect substantially all of each rod over the entire range of steered positions.

Allowable Subject Matter

4. Claims 1-17 are allowed.

Response to Arguments

5. Applicant's arguments filed 22 April 2005 have been fully considered but they are not persuasive.

Regarding claim 18, applicant has argued that Ima does not show a single cylinder with cylinder rods extending from opposite ends of the cylinder barrel. However, Ima does indeed disclose a single cylinder 8 with cylinder rods 9,9' extending therefrom as clearly set forth in col. 3 lines 57-67 and as shown in the drawings.

Applicant also argues that the cylinder guard structure shown in Ima, such as at 21, fails to provide protection of the cylinder and both the rods substantially over the range of steered positions. This is irrelevant since the guard structure is bar 13 which meets all of the structural limitations in the claim.

Conclusion

6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

7. As set forth in MPEP 714.13, it should be kept in mind that applicant cannot, as a matter of right, amend any finally rejected claims, add new claims after a final rejection (see 37 CFR 1.116) or reinstate previously canceled claims. Except where an amendment merely cancels claims, adopts examiner suggestions, removes issues for appeal, or in some other way requires only a cursory review by the examiner, compliance with the requirement of a showing under 37 CFR 1.116(c) is expected in all amendments after final rejection. Failure to properly reply under 37 CFR 1.113 to the final rejection results in abandonment.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kevin Hurley whose telephone number is 571-272-6646. The examiner can normally be reached on Monday-Friday 9:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lesley Morris can be reached on 571-272-6651. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Kevin Hurley
Primary Examiner
Art Unit 3611

May 31, 2005